



# SOFT Microscopy Centre –

## Network meeting autumn 2023, 20th of November

Location: Luftbryggan, Chalmers University of Technology, Kemivägen 9

### Theme: Liquid Electron microscopy

#### PROGRAM

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|----------------------|---|
| <b>09.30 – 10.00</b> | <b>Coffee and registration</b>  |
| <b>10.00 – 10.10</b> | <b>Welcome to the microscopy network meeting</b><br><i>Eva Olsson, Chalmers, Torben Nilsson Pingel, Niklas Lorén and Mats Stading, RISE</i> |
| <b>10.15 – 10.45</b> | <b>An introduction to liquid-phase electron microscopy</b><br><i>Lunjie Zeng, Chalmers</i>  |
| <b>10.50 – 11.10</b> | <b>Electron Microscopy of Organic Material Structures for Neuropharmaceuticals</b><br><i>Rebecka Rilemark, Chalmers</i>                     |
| <b>11.15 – 11.35</b> | <b>DENSsolutions – in situ holders for liquid electron microscopy</b><br><i>Eva Bladt, DENSsolutions</i>                                    |
| <b>11.40 – 12.00</b> | <b>Protochips – in situ holders for liquid electron microscopy</b><br><i>Nynke Krans, Protochips</i>  |
| <b>12.10 – 13.15</b> | <b>Lunch</b>  |
| <b>13.20 – 14.00</b> | <b>Environmental Scanning Electron Microscopy – possibilities and challenges</b><br><i>Stefan Gustafsson, CMAL, Chalmers</i>                |
| <b>14.05 – 14.25</b> | <b>In situ dynamic ESEM experiments with water in soft materials</b><br><i>Anna Olsson, AstraZeneca</i>                                     |
| <b>14.30 – 15.30</b> | <b>Demonstration of liquid phase transmission electron microscopy</b><br><i>Rebecka Rilemark and Lunjie Zeng, Chalmers</i>                  |
| <b>15.35 – 16.20</b> | <b>Coffee break and visit to the liquid TEM</b>   |
| <b>16.20</b>         | <b>Concluding remarks</b>   |
| <b>16.30</b>         | <b>End of meeting</b>   |

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